

California OES Weather Threat Briefing

Tuesday, August 10, 2021
9:00 AM PDT

Day 1 (Tuesday): Thunderstorms in southern California could produce heavy rainfall and lead to local flash flooding, especially in the mountains.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

08/10/21 - 08/16/21

Tuesday-Monday

- Heat builds over much of interior southern California, the Central Valley, and northern valleys Wednesday onward through the weekend
 - Moderate to locally high heat risk impacts will become increasingly likely for interior areas of the state through the week
 - Note that temperatures closer to the coast will remain much cooler as winds remain onshore most days
- Fire weather conditions remain locally elevated most afternoons and evenings across the foothills and mountains where winds will occasionally gust 25 to 30 mph, though widespread strong winds are not expected over the next 7 days
- Scattered monsoon thunderstorms are possible across southern portions of the state as well as the Sierra through mid and late week. A few storms are also possible across far northern California from late week into the weekend.
 - A few storms Tuesday and Wednesday could produce heavy rainfall over southern California, which could lead to local flash flooding, especially over the mountains
 - **This includes the Apple/EI Dorado burn areas, where a Flash Flood Watch is in effect Tuesday and Wednesday**
 - Lightning could pose a risk for some new fire starts, especially over the Sierra and northern California where any storms are less likely to produce locally heavier precipitation
- Periods of thicker wildfire smoke will persist across northern and central California through the week, bringing reduced visibility and air quality at times. Thicker smoke may also lead to locally cooler temperatures at times.



CALIFORNIA WEATHER IMPACTS

08/10/21 - 08/16/21

| <u>Hazards / Day</u> | TUE | WED | THU | FRI | SAT | SUN | MON |
|---|--------------------------------------|--------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Non-Thunderstorm Damaging Winds | | | | | | | |
| Snow | | | | | | | |
| Coastal Flooding | | | | | | | |
| River Flooding | | | | | | | |
| Thunderstorms (Wind / Hail / Tornadoes) | Southern | Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Fire Weather (Low Humidity / Wind / Dry Thunderstorms) | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Heat Risk | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Heavy Rain/Flash Flooding/ Debris Flow | Southern (primarily mountains) | Southern (primarily mountains) | | | | | |
| Cold | | | | | | | |



No Impacts



Minimal Impacts



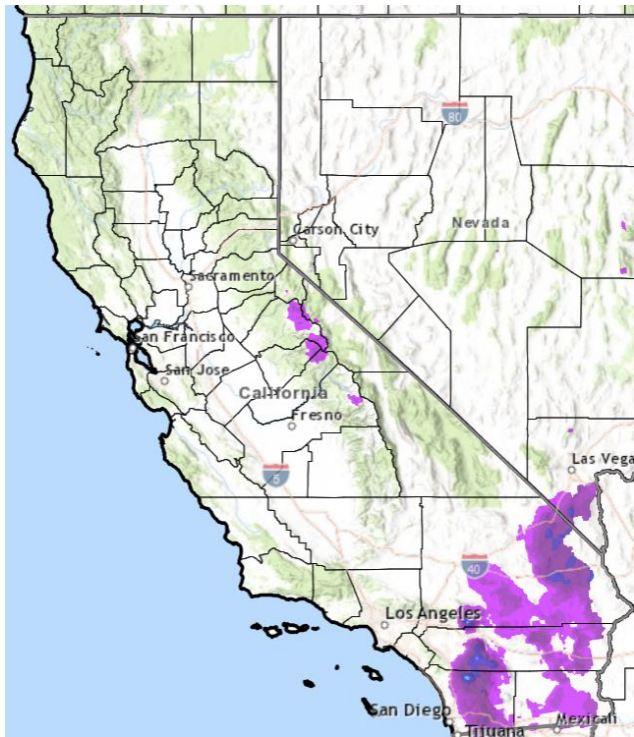
Moderate Impacts



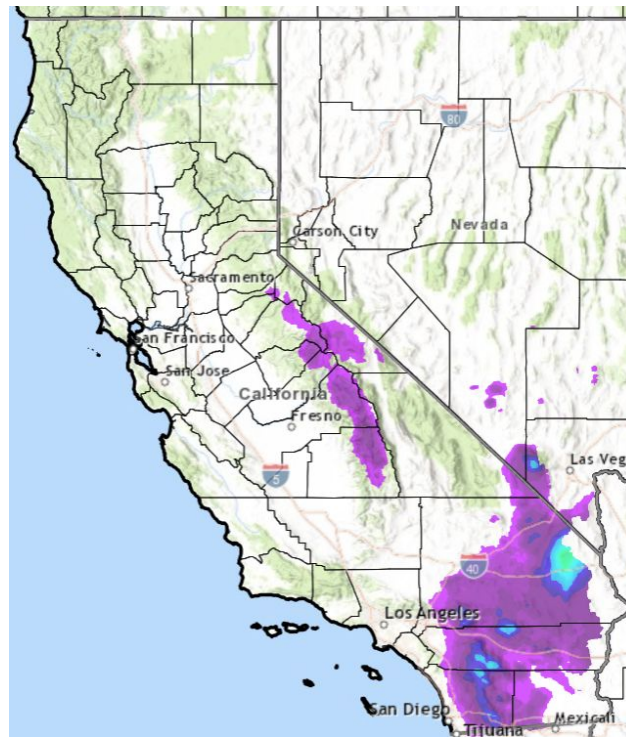
Severe Impacts

PRECIPITATION FORECAST

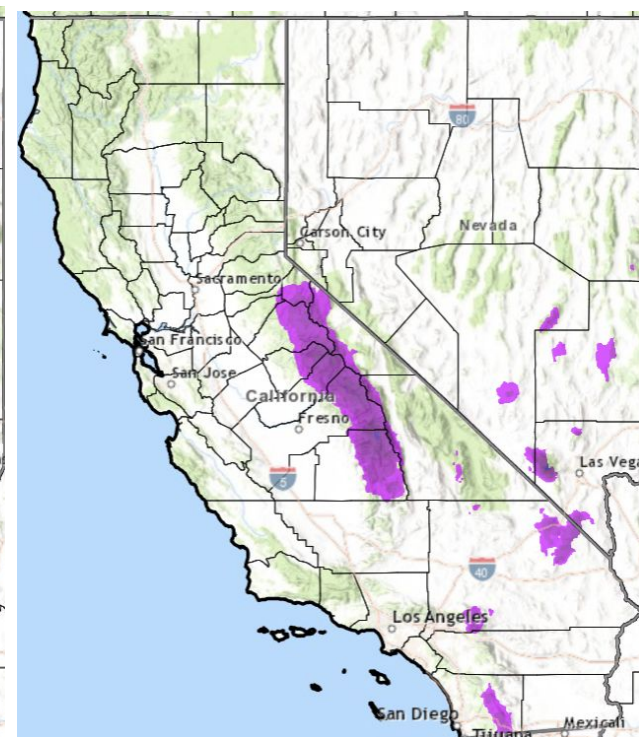
08/10/21 - 08/12/21



Tuesday



Wednesday



Thursday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

08/15/21 - 08/23/21

6-10 Day Outlook (August 15 – August 19)

Temperatures

- Above normal temperatures are strongly favored across much of the state, especially northern and central California, with near to below normal temperatures favored in far southern California

Precipitation

- Above normal precipitation is favored for far southern California, with near normal precipitation for the remainder of the state

8-14 Day Outlook (August 17 – August 23)

Temperatures

- Above normal temperatures are strongly favored across much of the state, especially northern and central California, with near to below normal temperatures favored in southern California

Precipitation

- Below normal precipitation is favored across central and eastern California, with near normal precipitation for western California



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

